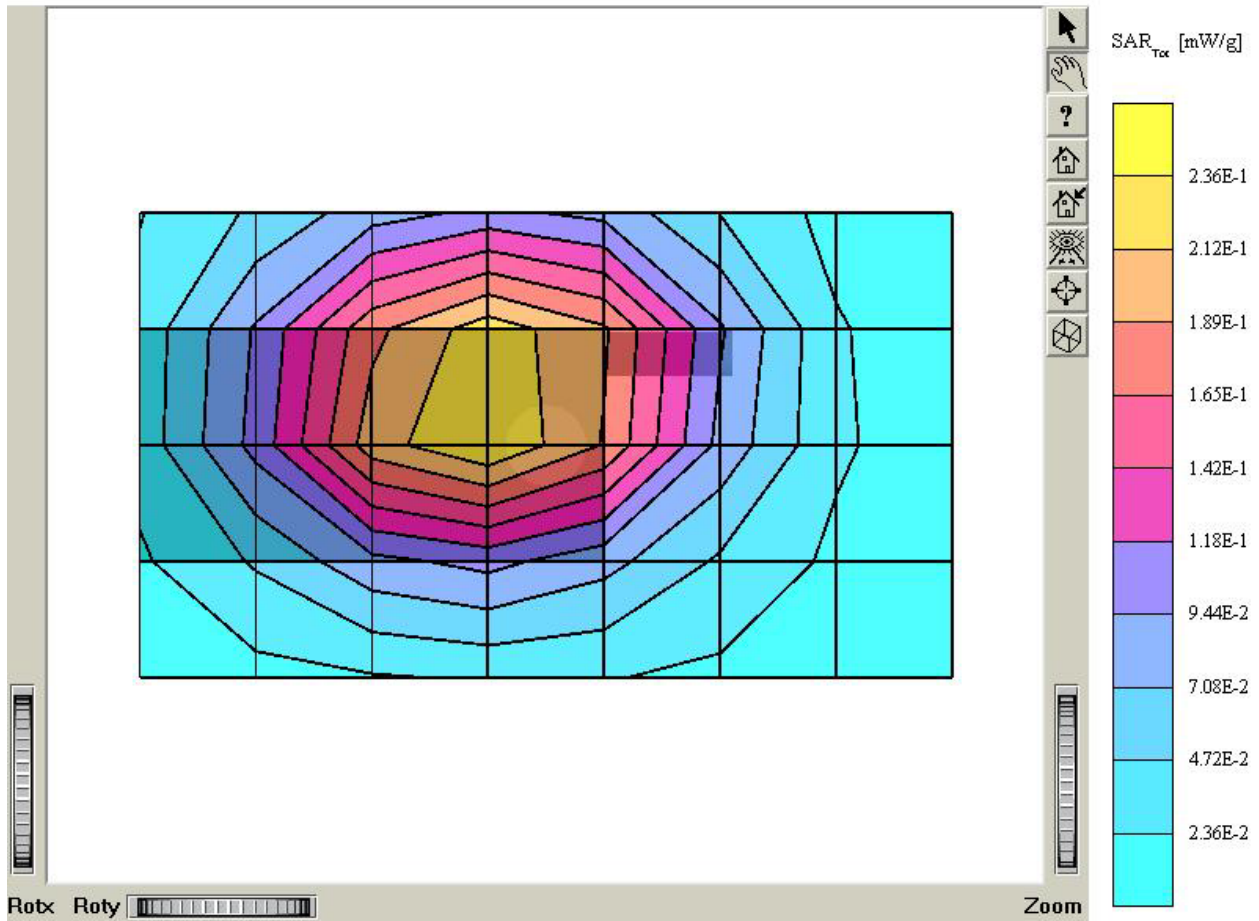


## ATTACHMENT O – SAR TEST PLOTS (3 of 3)

## ■ Body SAR (AMPS)

### TX-55C

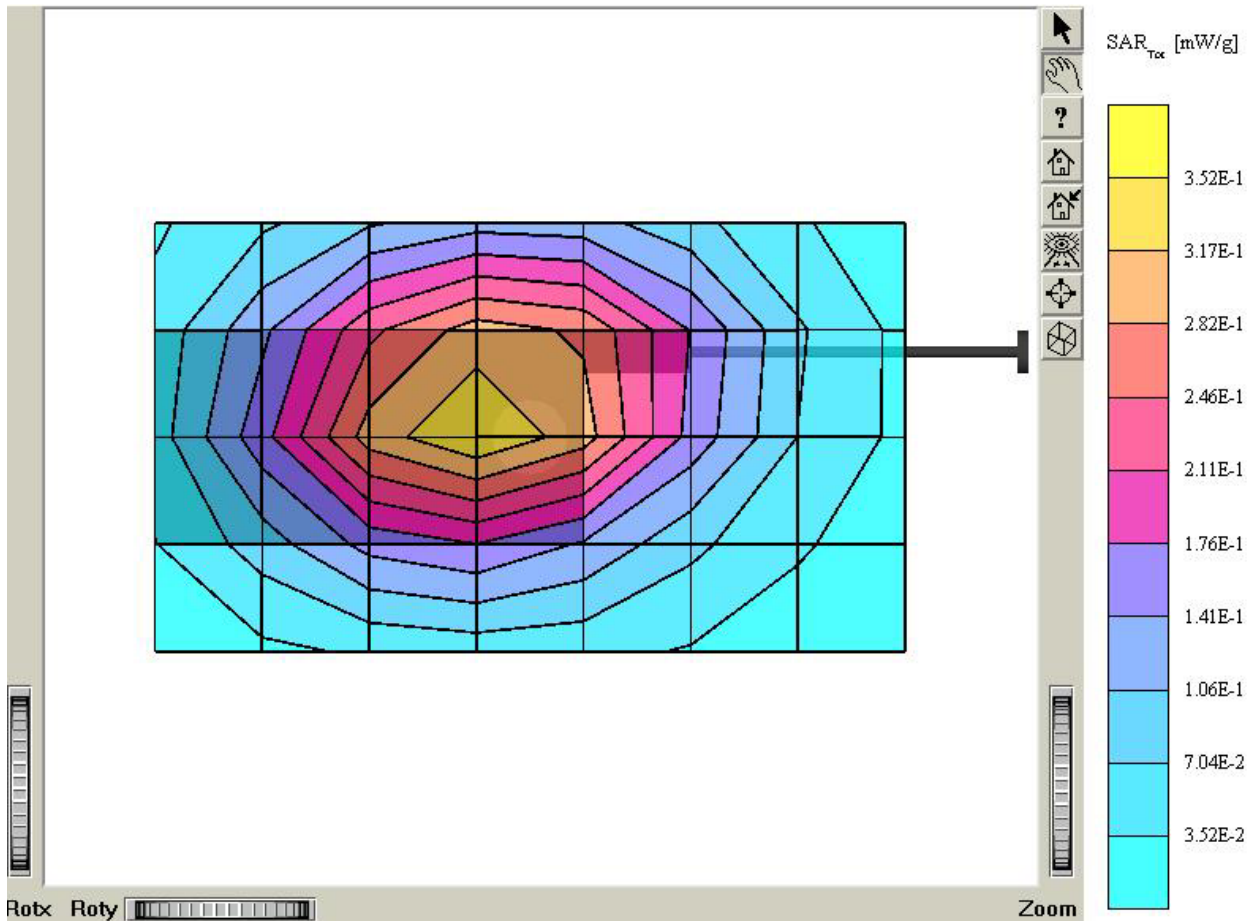
SAM 1 Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $e_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.239 mW/g, SAR (10g): 0.168 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.20 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : AMPS / Channel : 991 (824.04MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (AMPS)

### TX-55C

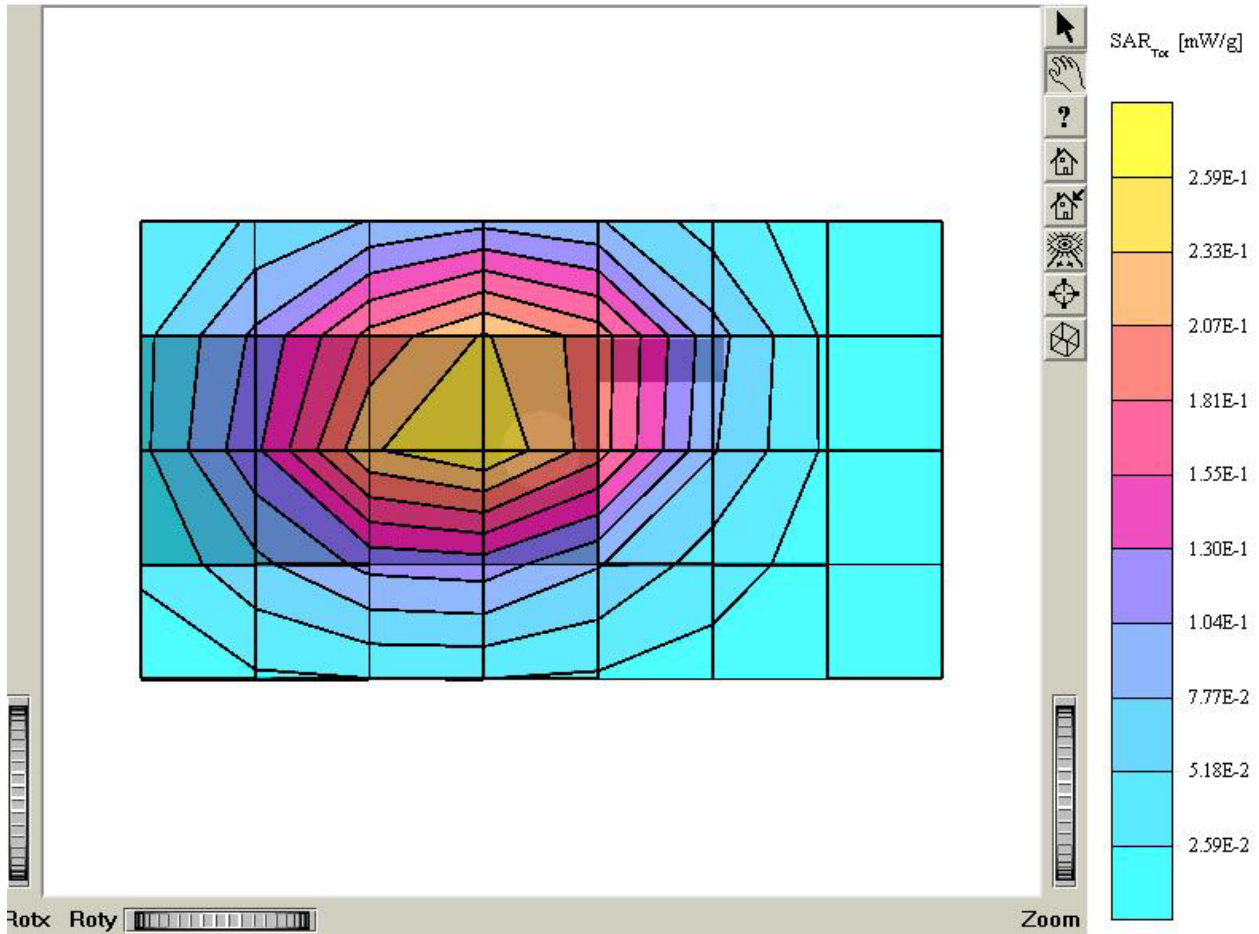
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.341 mW/g, SAR (10g): 0.240 mW/g ,Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.17 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : AMPS / Channel : 991 (824.04MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (AMPS)

TX-55C

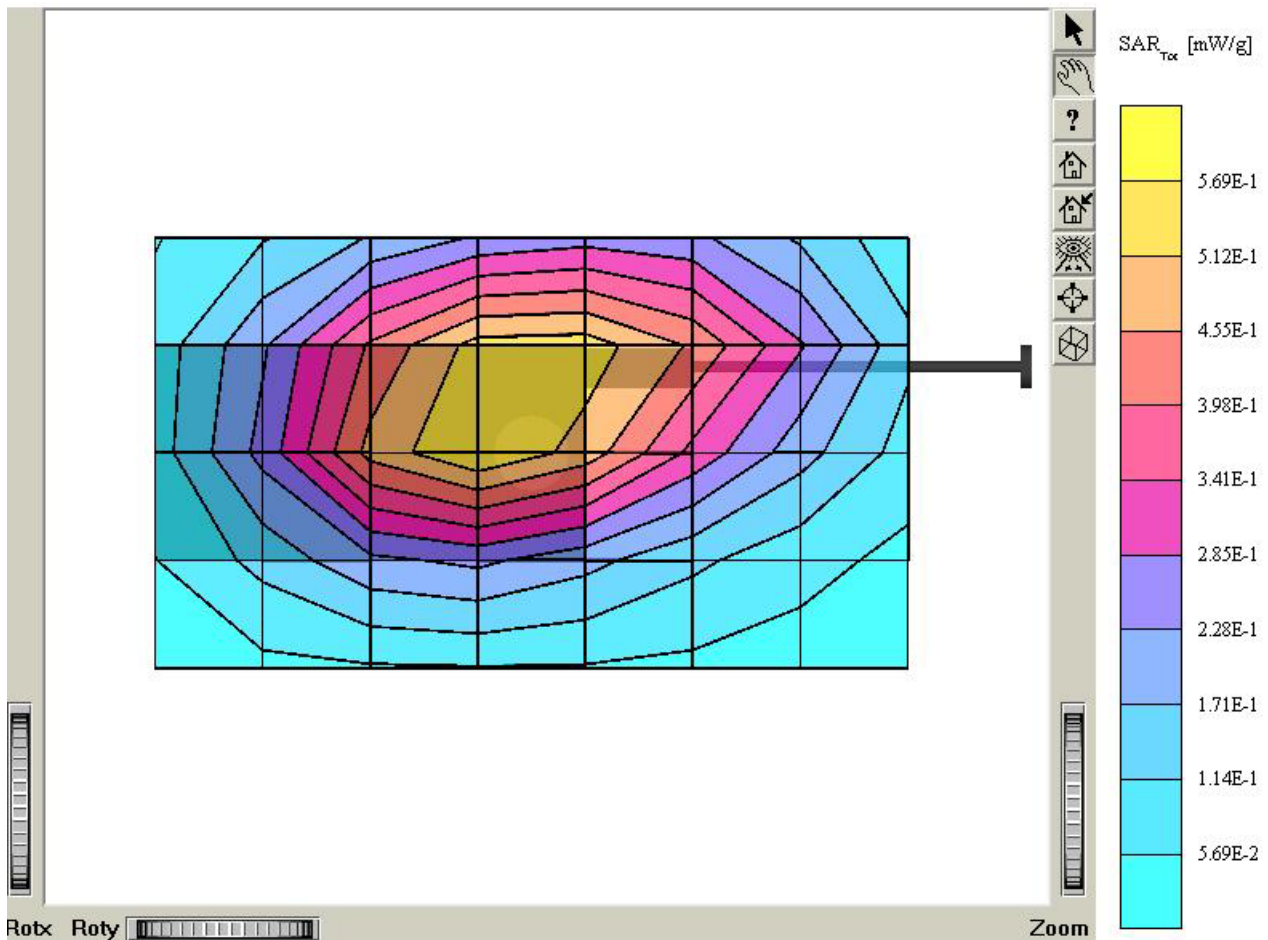
SAM 1 Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m,  $e_r = 54.2$ ,  $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.258 mW/g, SAR (10g): 0.180 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.19 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (AMPS)

### TX-55C

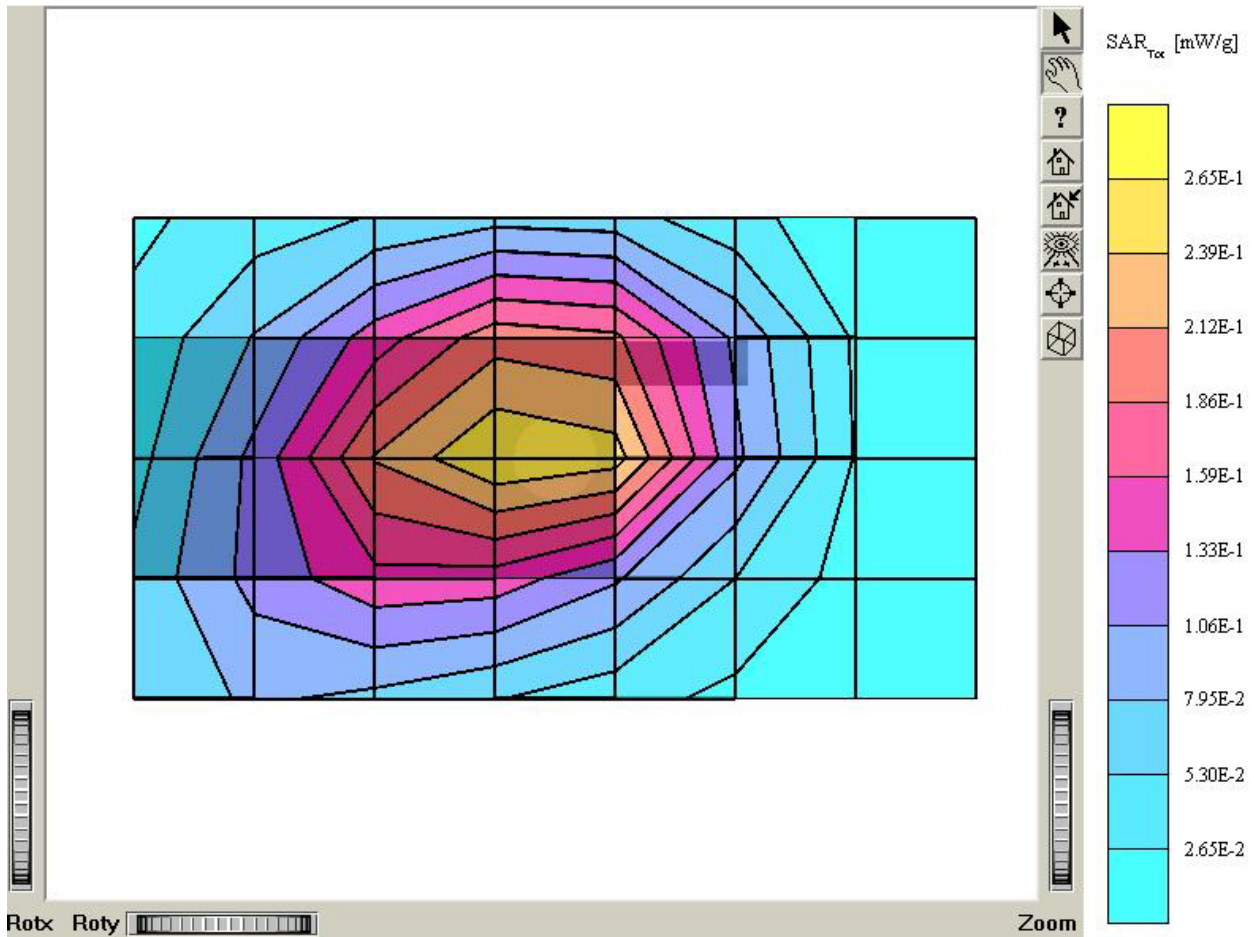
SAM I Phantom: Flat Section: Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $e_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.583 mW/g, SAR (10g): 0.409 mW/g ,Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.07 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (AMPS)

### TX-55C

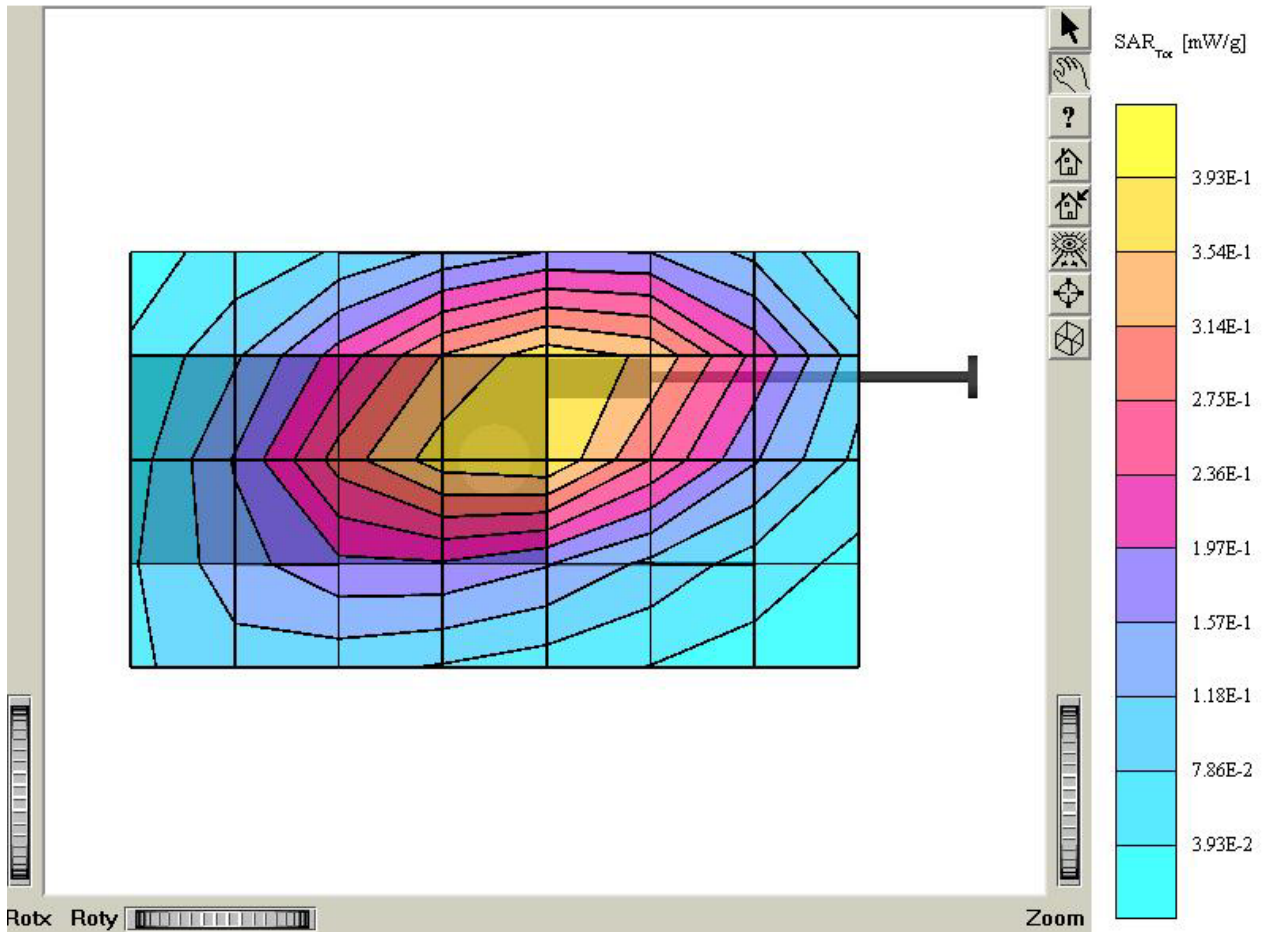
SAM 1 Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.250 mW/g, SAR (10g): 0.171 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.35 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : AMPS / Channel : 799 (848.97MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (AMPS)

TX-55C

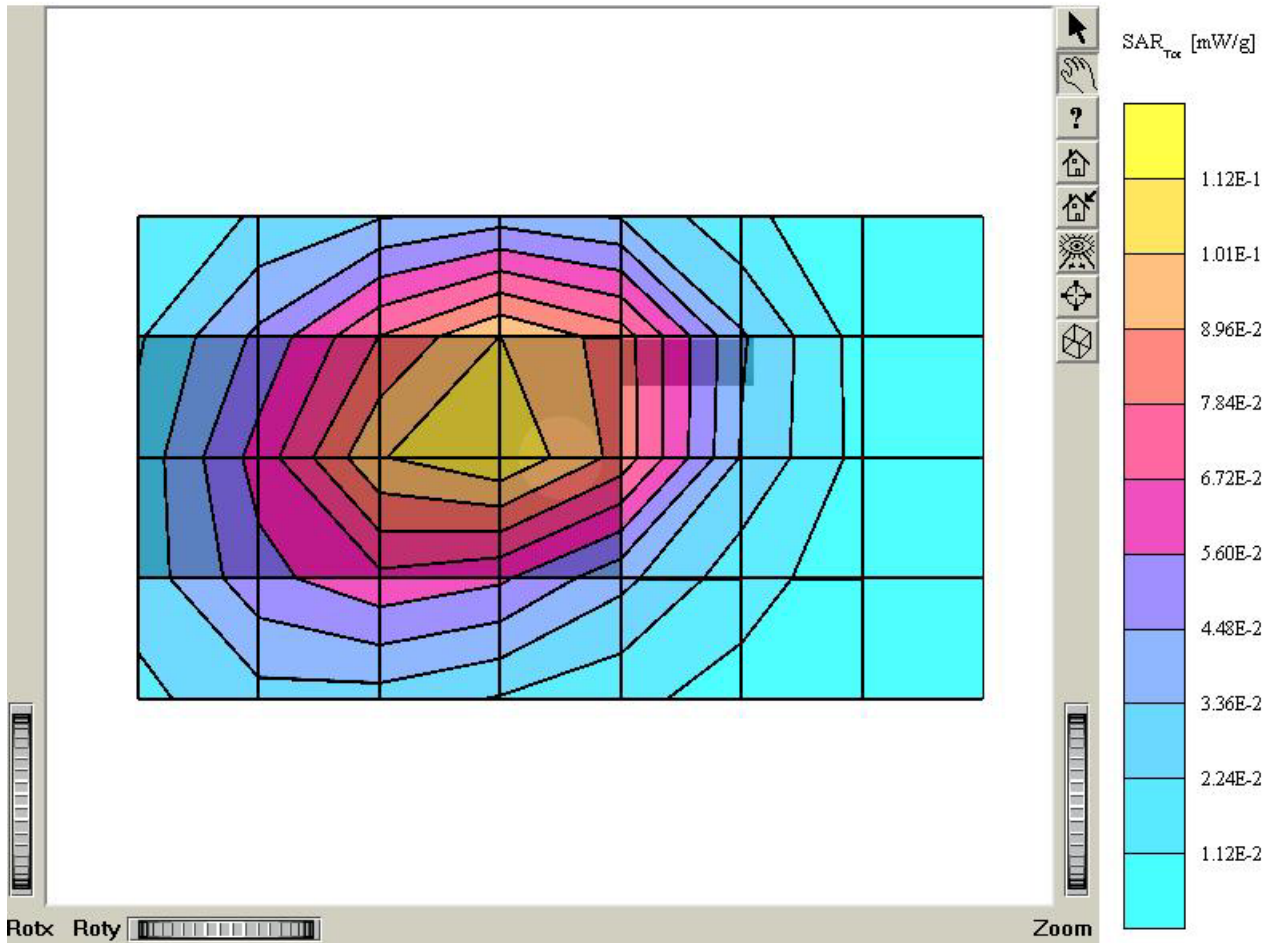
SAM 1 Phantom: Flat Section: Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.402 mW/g, SAR (10g): 0.271 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.30 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : AMPS / Channel : 799 (848.97MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (CDMA)

### TX-55C

SAM 1 Phantom: Flat Section: Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.112 mW/g, SAR (10g): 0.0776 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.04 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002

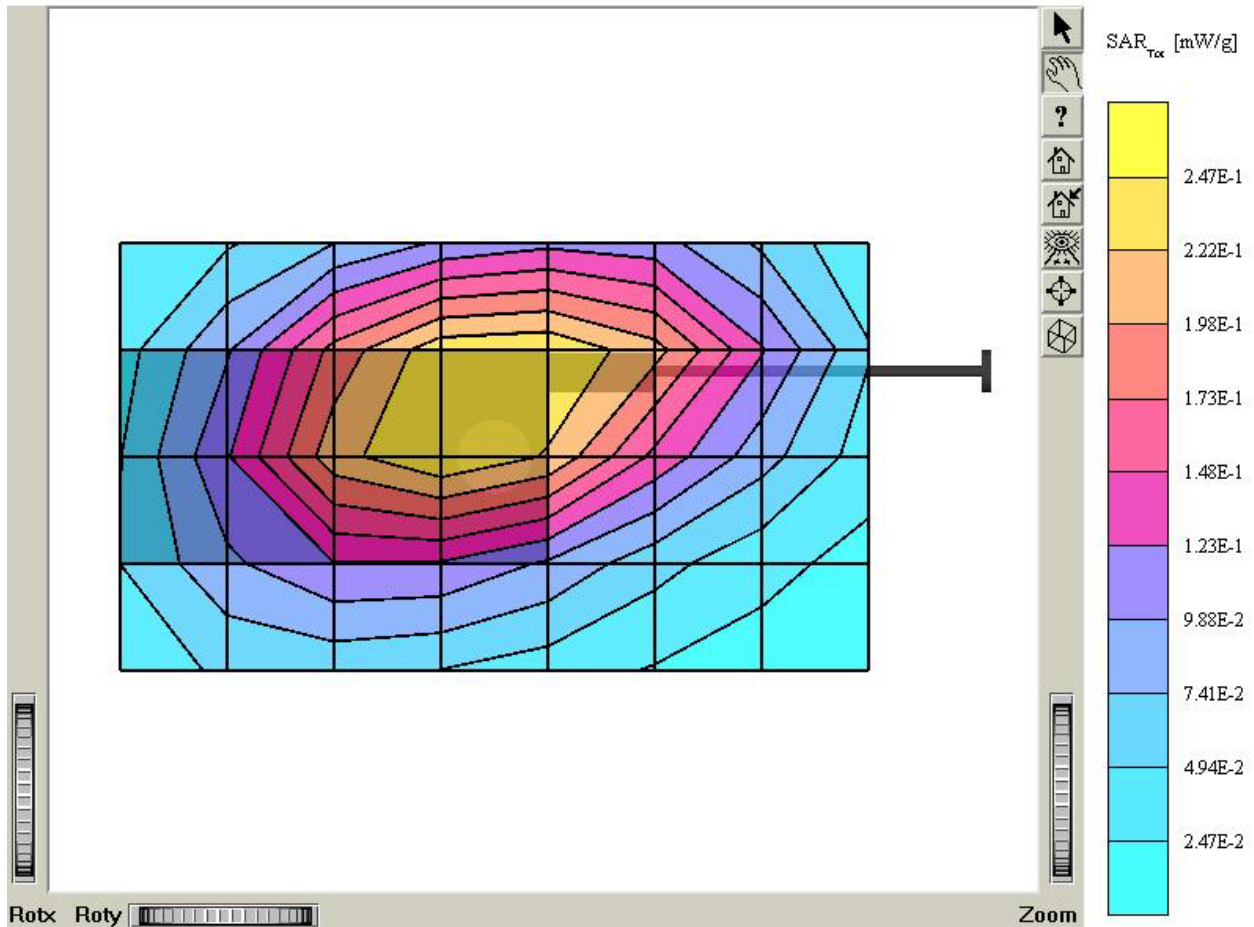




## ■ Body SAR (CDMA)

### TX-55C

SAM 1 Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $e_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.253 mW/g, SAR (10g): 0.173 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.11 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : CDMA / Channel : 1013 (824.70MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (CDMA)

TX-55C

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz

Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $e_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>

Cube 5x5x7; SAR (1g): 0.201 mW/g, SAR (10g): 0.139 mW/g, Worst-case extrapolation

Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0

: Powerdrift: -0.15 dB

Comment:

FCC ID : PP4TX-55C / MODEL : TX-55C

Company : Hyundai Curitel inc.

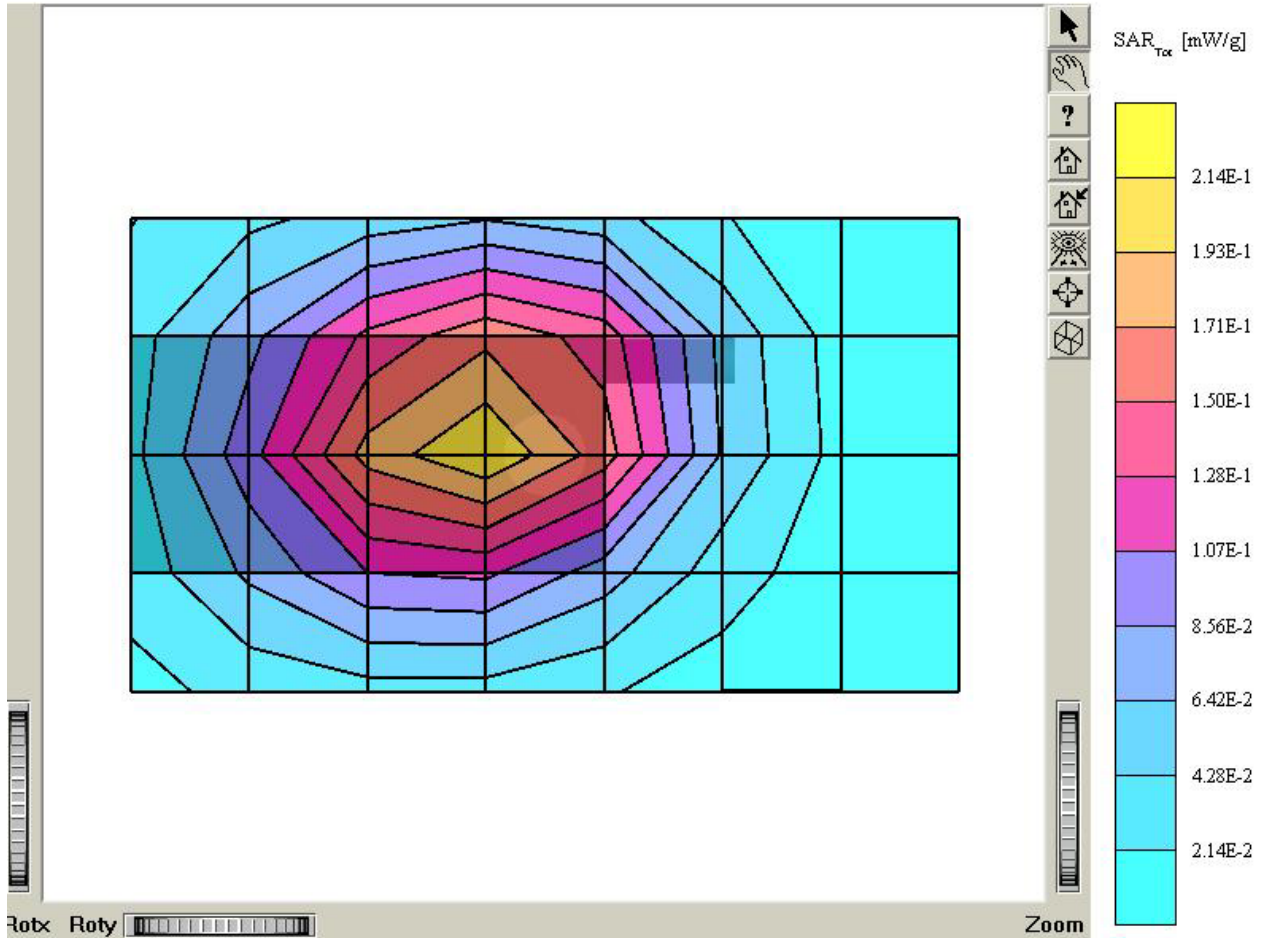
Antenna : in

Mode : CDMA / Channel : 363 (835.89MHz)

Conducted Power : 25.0 dBm

Liquid Temperature : 22.2 °C

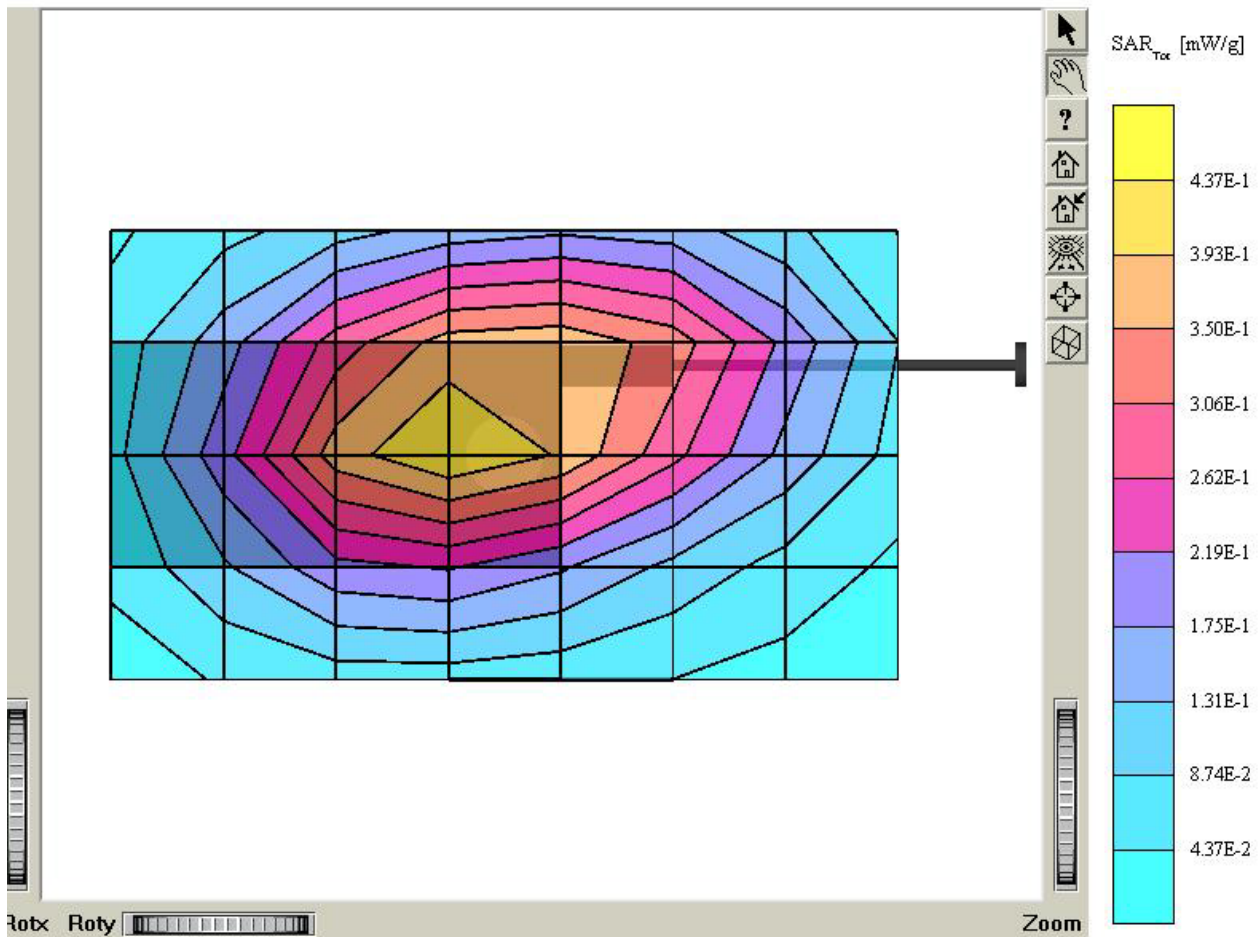
Date Tested : November 9, 2002



## ■ Body SAR (CDMA)

TX-55C

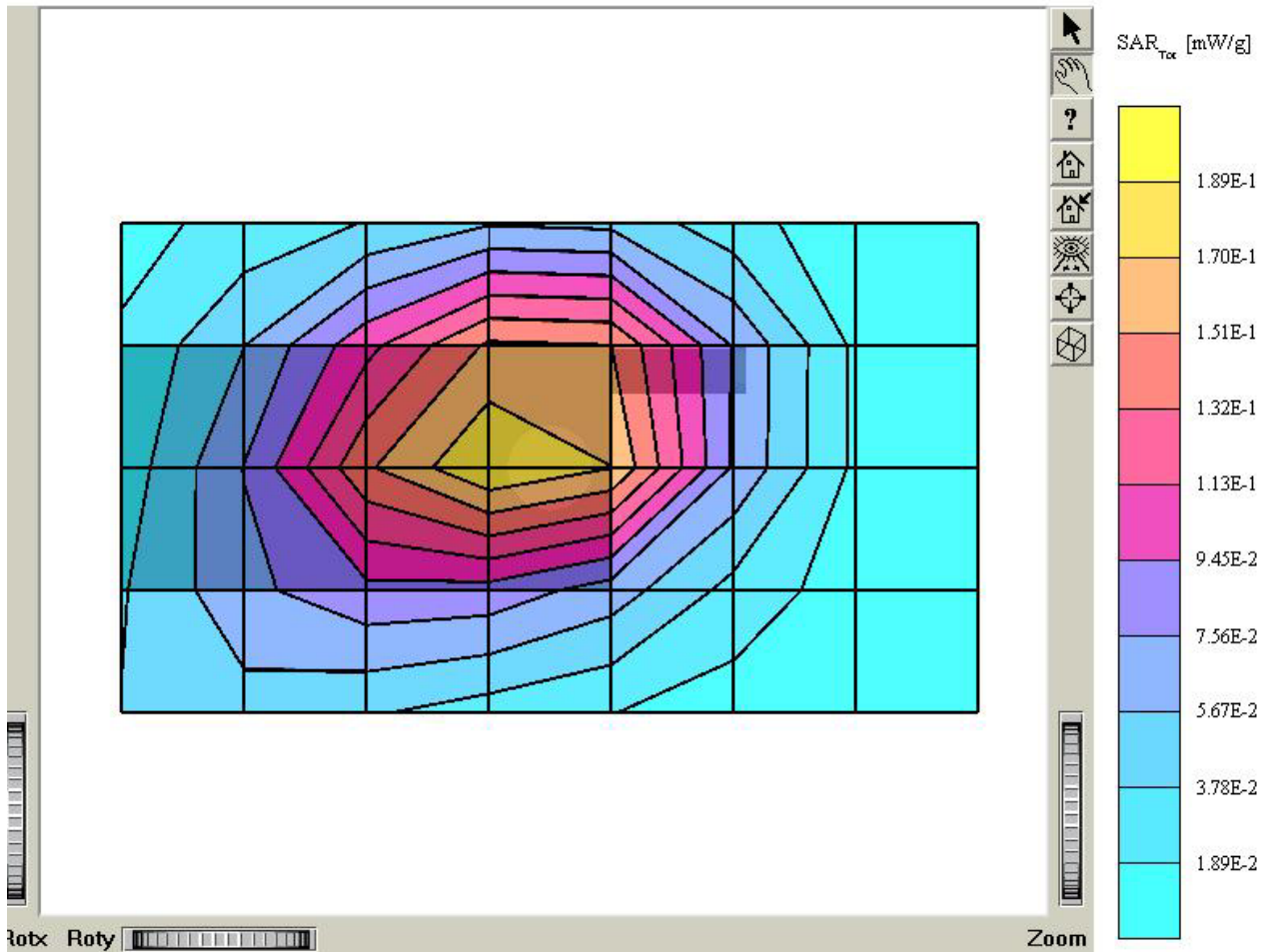
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.437 mW/g, SAR (10g): 0.303 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: 0.04 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : CDMA / Channel : 363 (835.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (CDMA)

### TX-55C

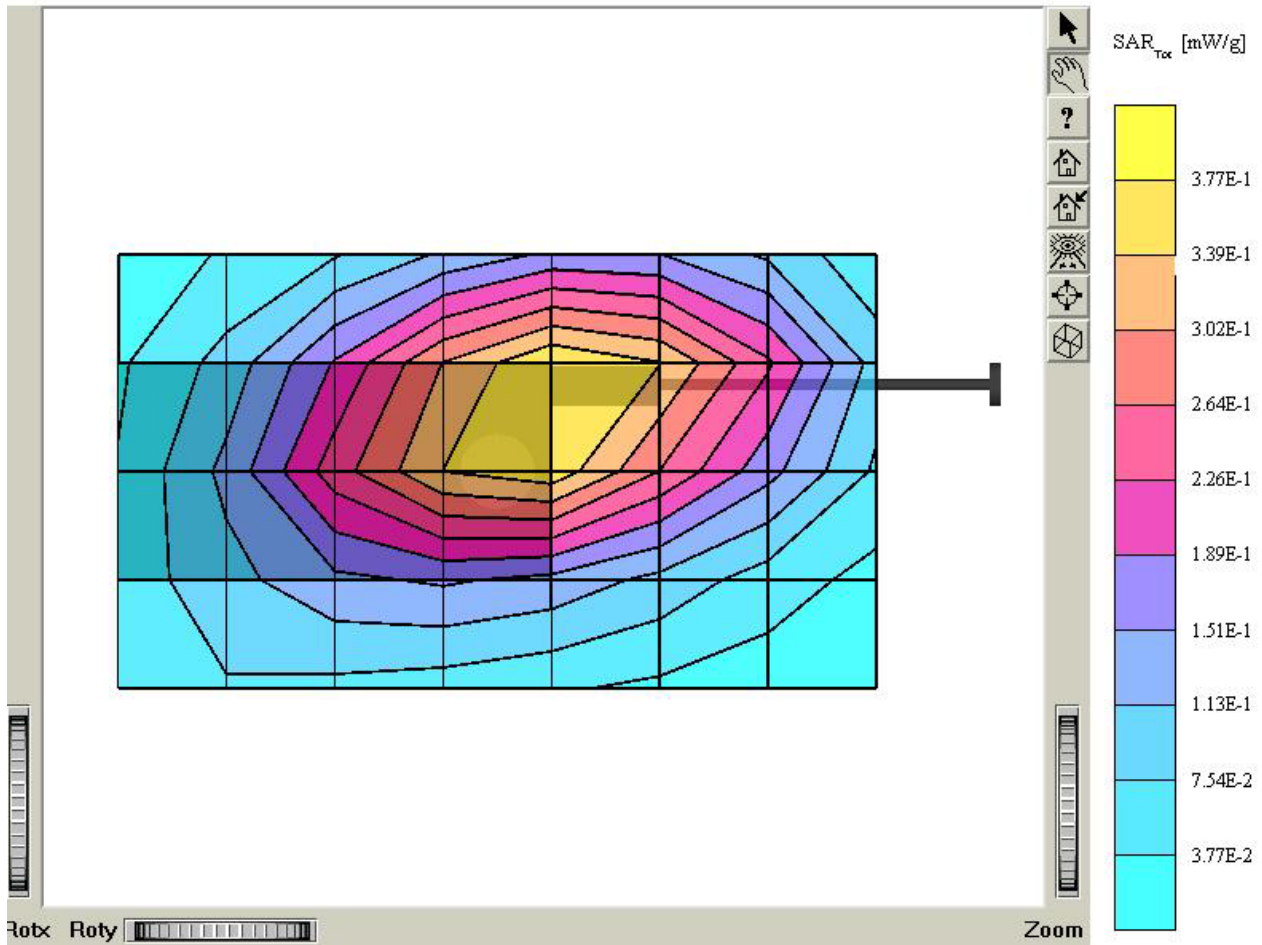
SAM 1 Phantom: Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99 \text{ mho/m}$ ,  $\epsilon_r = 54.2$ ,  $\rho = 1.00 \text{ g/cm}^3$   
Cube 5x5x7; SAR (1g): 0.194 mW/g, SAR (10g): 0.131 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.12 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : CDMA / Channel : 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (CDMA)

TX-55C

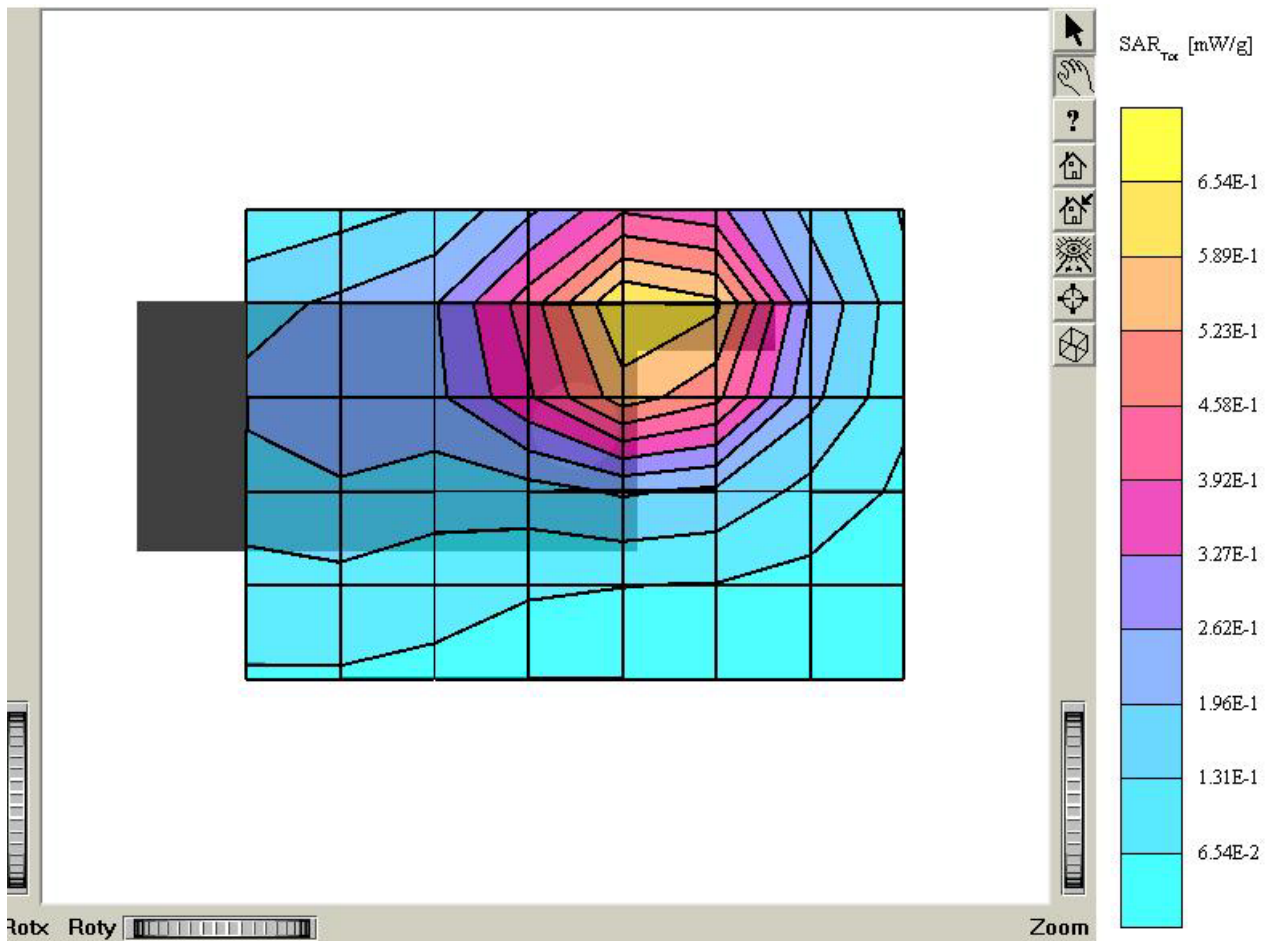
SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6,30,6,30,6,30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $e_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.389 mW/g, SAR (10g): 0.264 mW/g, Worst-case extrapolation  
Coarse: Dx = 20.0, Dy = 20.0, Dz = 10.0  
: Powerdrift: -0.03 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : CDMA / Channel : 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (PCS CDMA)

TX-55C

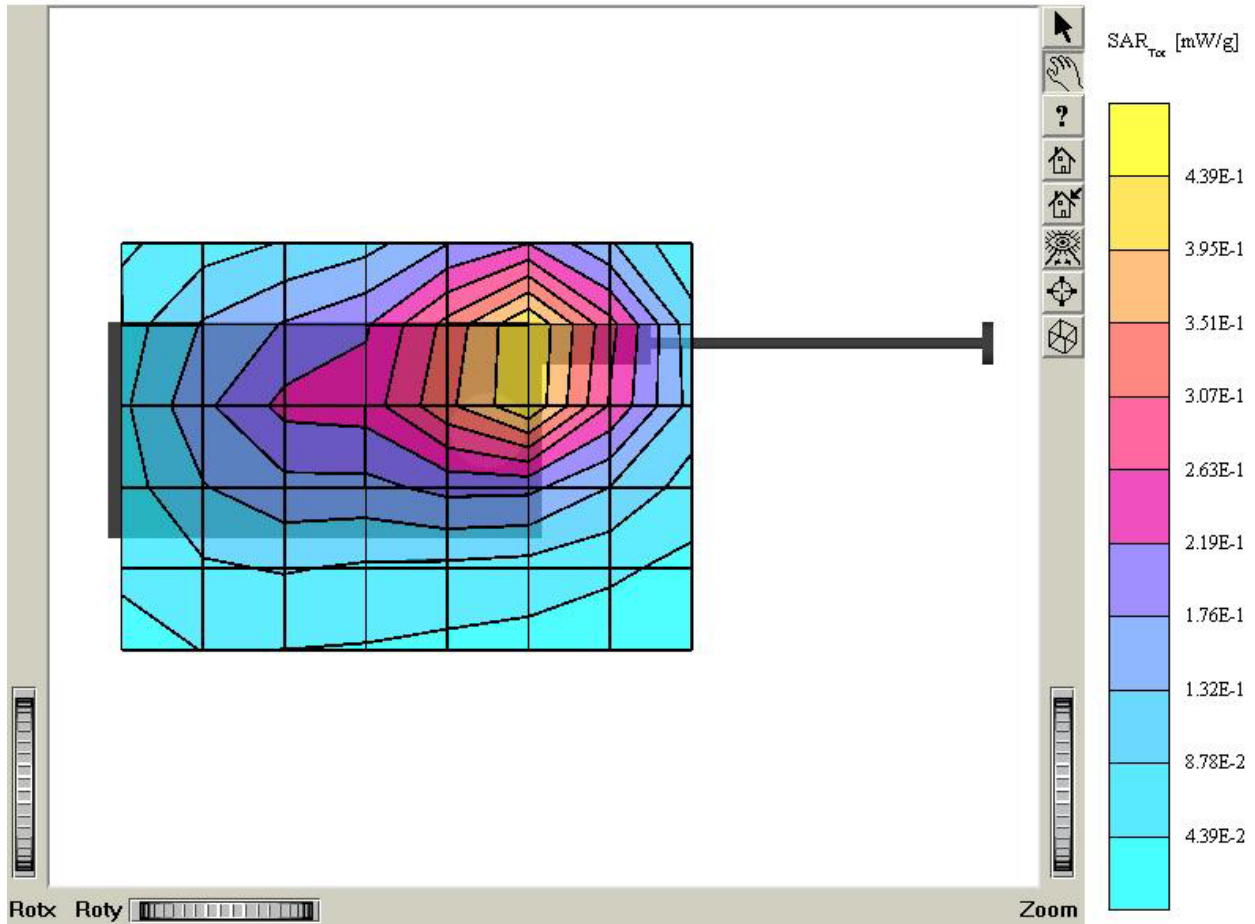
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4,90,4,90,4,90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m e,  $\rho = 52.6$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.659 mW/g, SAR (10g): 0.382 mW/g, Worst-case extrapolation  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.03 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : PCS / Channel : 25 (1851.25MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (PCS CDMA)

### TX-55C

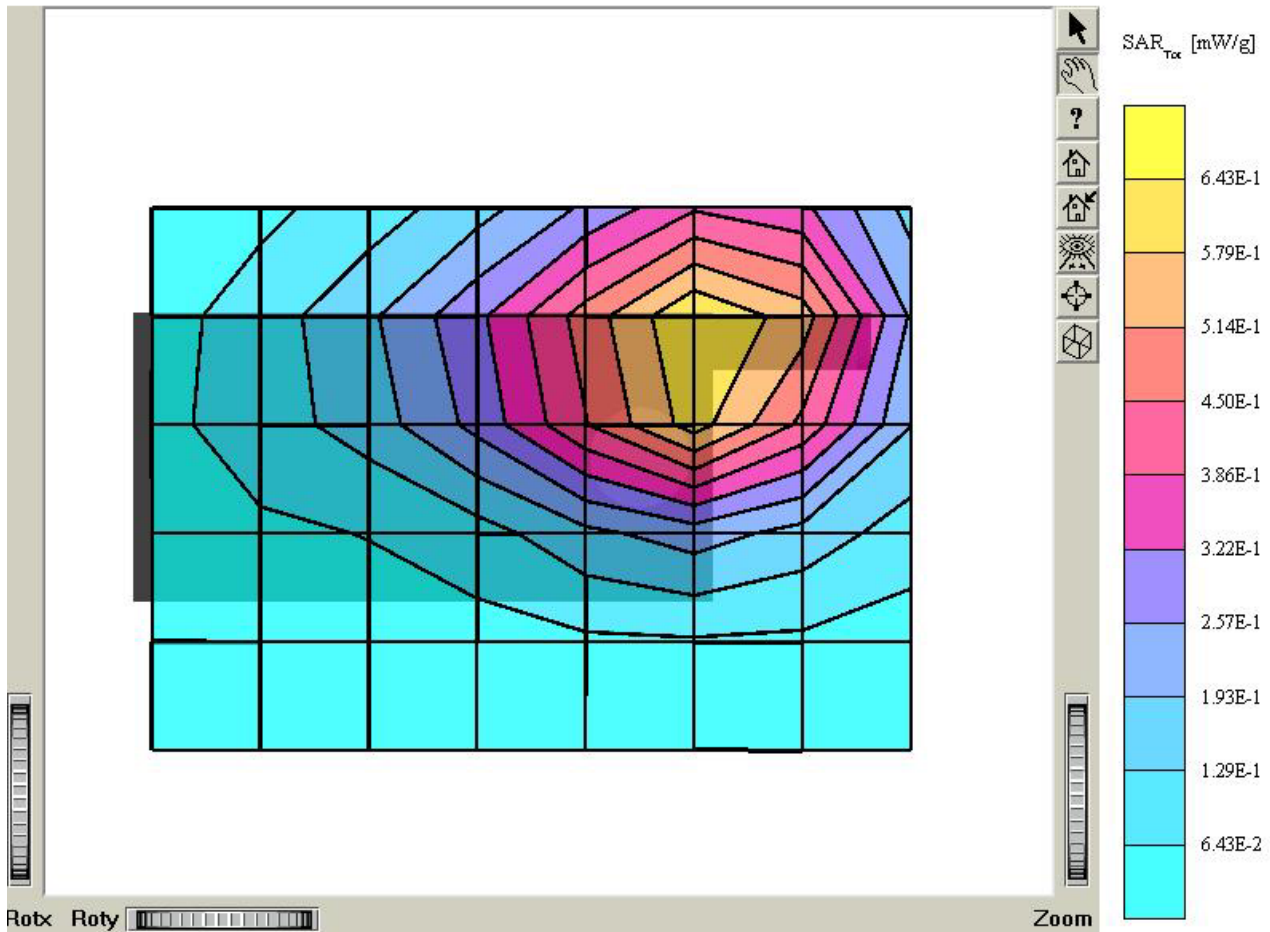
SAM II Phantom: Flat Section; Position: (90°, 90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m  $\epsilon_r = 52.6$   $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.426 mW/g, SAR (10g): 0.248 mW/g, Worst-case extrapolation  
Coarse:  $D_x = 15.0$ ,  $D_y = 15.0$ ,  $D_z = 10.0$   
: Powerdrift: -0.27 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : PCS / Channel : 25 (1851.25MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (PCS CDMA)

### TX-55C

SAM II Phantom: Flat Section: Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609: ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m  $e_r = 52.6$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.641 mW/g, SAR (10g): 0.380 mW/g, Worst-case extrapolation  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.23 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : PCS / Channel : 600 (1880.00MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002

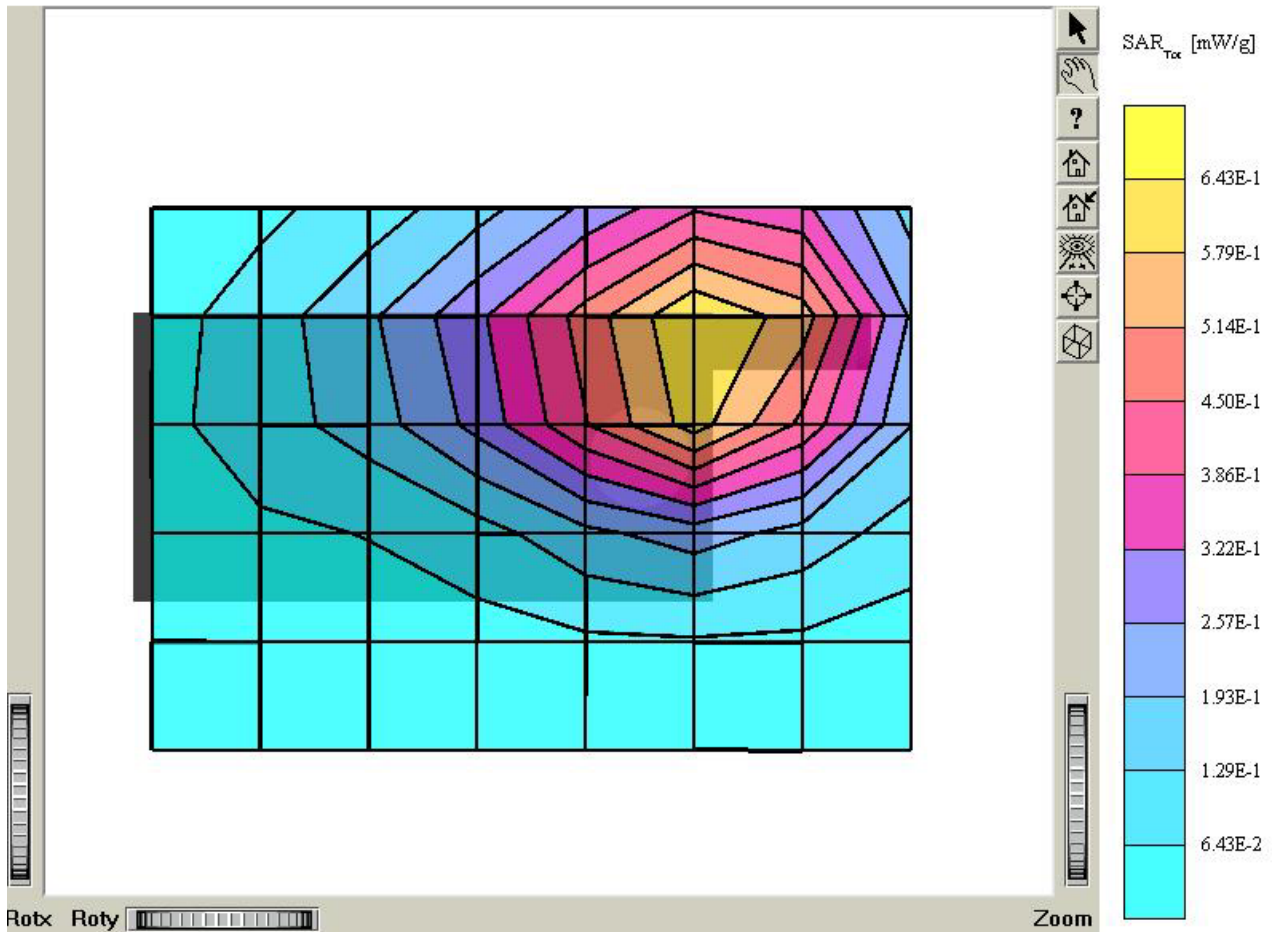




## ■ Body SAR (PCS CDMA)

### TX-55C

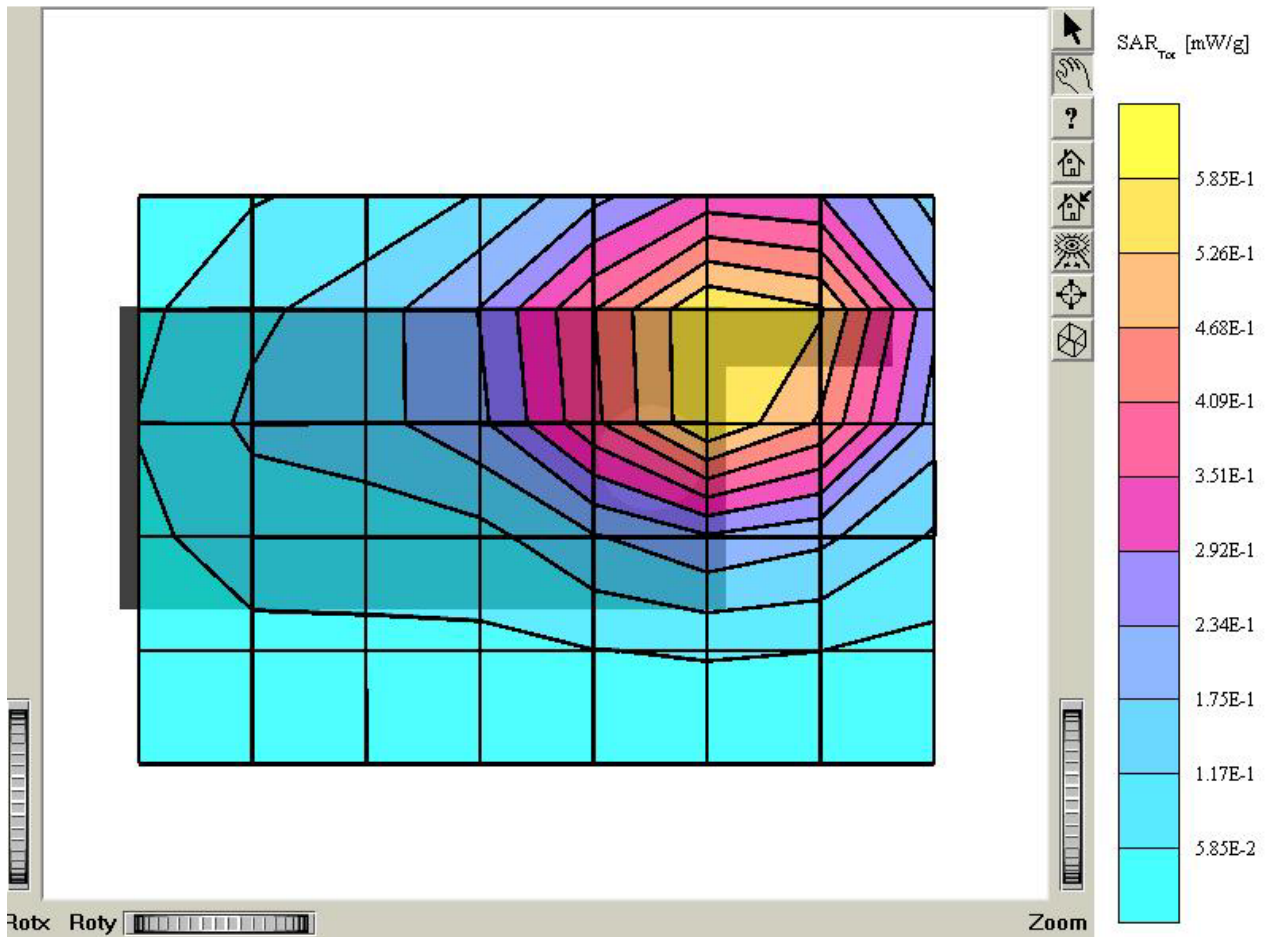
SAM II Phantom: Flat Section: Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609: ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m  $e_r = 52.6$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.641 mW/g, SAR (10g): 0.380 mW/g, Worst-case extrapolation  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.23 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : PCS / Channel : 600 (1880.00MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (PCS CDMA)

TX-55C

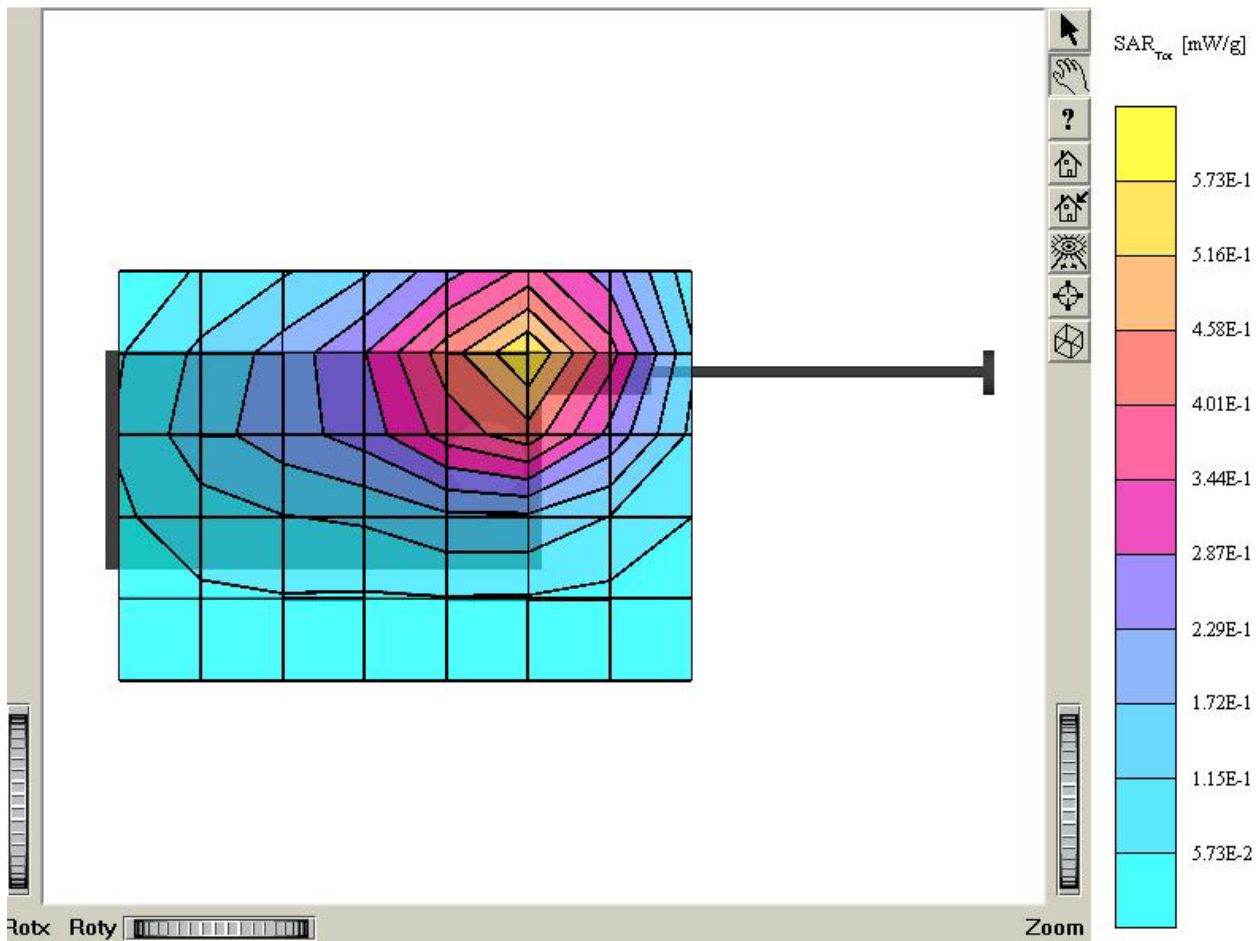
SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4,90,4,90,4,90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m  $e_r = 52.6$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.596 mW/g, SAR (10g): 0.350 mW/g, Worst-case extrapolation  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: -0.15 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : PCS / Channel : 1175 (1908.75MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



## ■ Body SAR (PCS CDMA)

### TX-55C

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4,90,4,90,4,90); Crest factor: 1.0; Body 1900 MHz:  $s = 1.57$  mho/m,  $\epsilon_r = 52.6$ ,  $\rho = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.527 mW/g, SAR (10g): 0.307 mW/g, Worst-case extrapolation  
Coarse: Dx = 15.0, Dy = 15.0, Dz = 10.0  
: Powerdrift: 0.04 dB  
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : PCS / Channel : 1175 (1908.75MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002

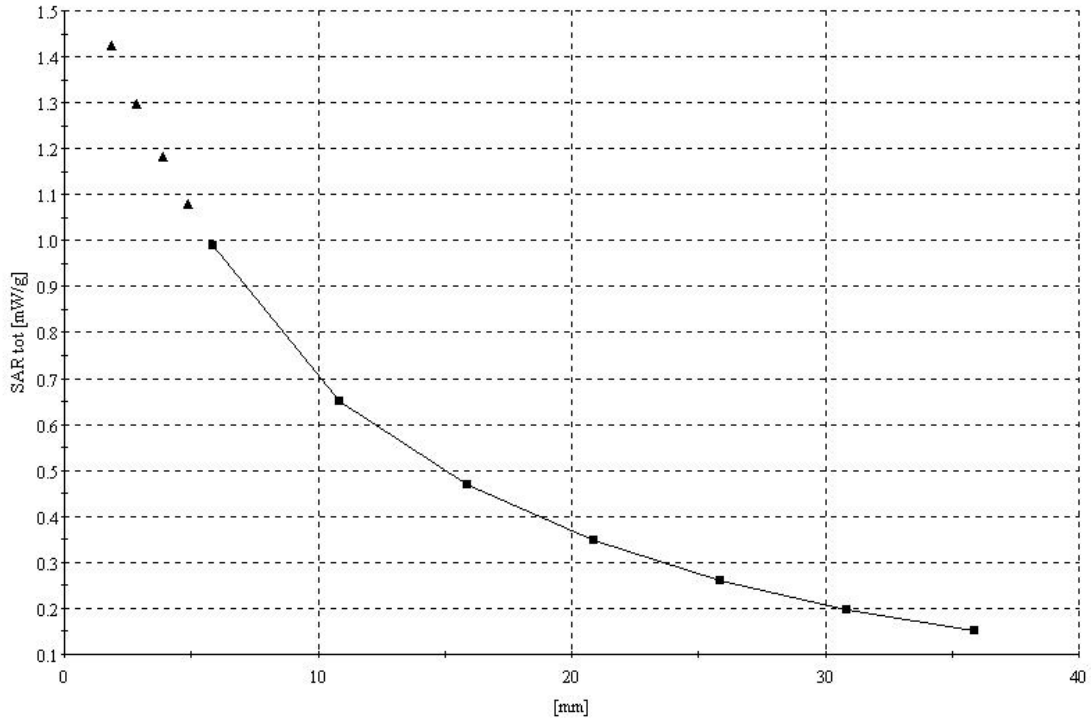


TX-55C

SAM I Phantom: Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz:  $s = 0.90$  mho/m  $e_r = 41.1$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 1.21 mW/g, SAR (10g): 0.777 mW/g, Worst-case extrapolation  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:

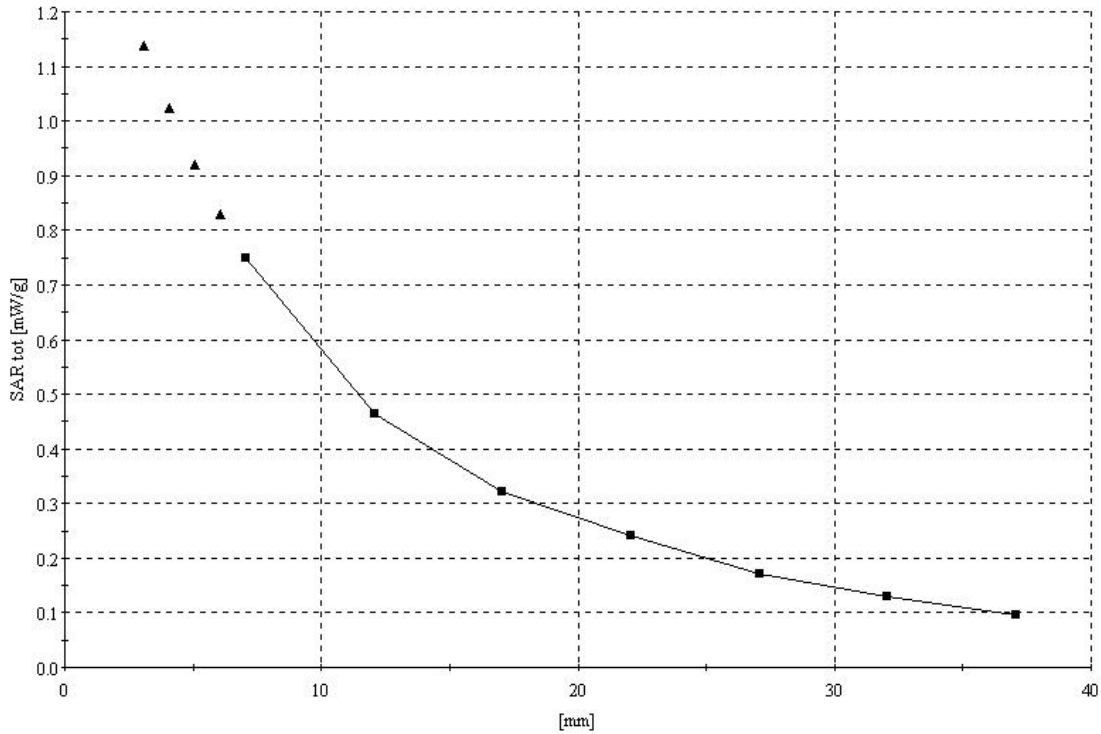
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Test Position : Left Touch / Antenna : out  
Mode : AMPS / Channel : 799 (848.97MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.1 °C  
Date Tested : November 5, 2002



**TX-55C**

SAM 1 Phantom; Left Hand (CRP) Section; Position: (90°,180°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.50,6.50,6.50); Crest factor: 1.0; Brain 835 MHz:  $s = 0.89$  mho/m,  $e_r = 41.0$  r = 1.00 g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.990 mW/g, SAR (10g): 0.623 mW/g, Worst-case extrapolation  
Cube 5x5x7; Dx = 8.0, Dy = 8.0, Dz = 5.0

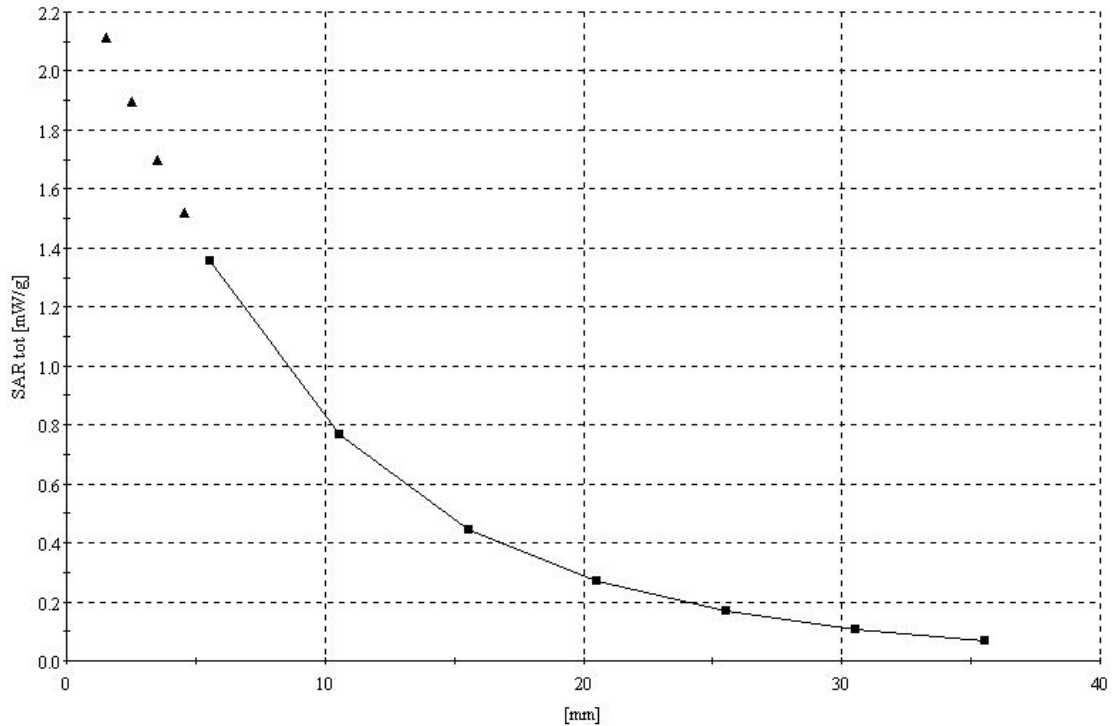
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Test Position : Left Touch / Antenna : out  
Mode : CDMA / Channel : 777 (848.31MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.5 °C  
Date Tested : November 7, 2002



### TX-55C

SAM II Phantom; Left Hand [CRP] Section; Position: (90°,180°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(5.40,5.40,5.40); Crest factor: 1.0; Brain 1900 MHz:  $s = 1.42 \text{ mho/m}$ ,  $e_r = 38.8$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 1.23 mW/g, SAR (10g): 0.681 mW/g, Worst-case extrapolation  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

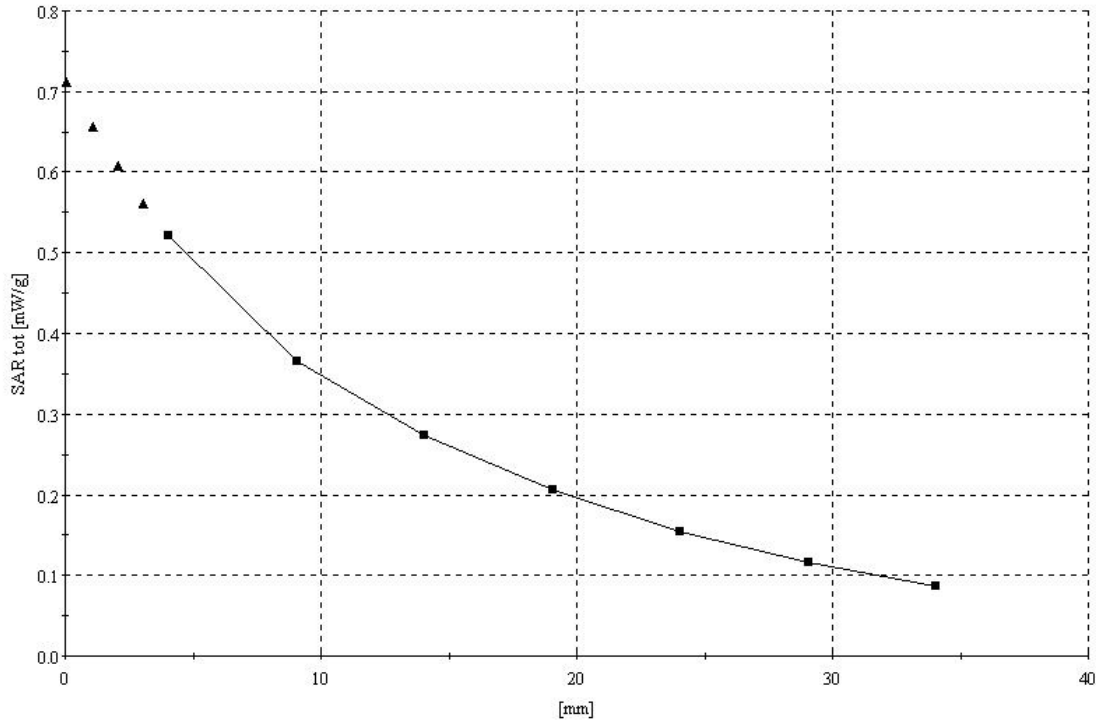
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Test Position : Left Touch / Antenna : in  
Mode : PCS CDMA / Channel : 25 (1851.25MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.3 °C  
Date Tested : November 8, 2002



TX-55C

SAM I Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz;  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7; SAR (1g): 0.583 mW/g, SAR (10g): 0.409 mW/g ,Worst-case extrapolation  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

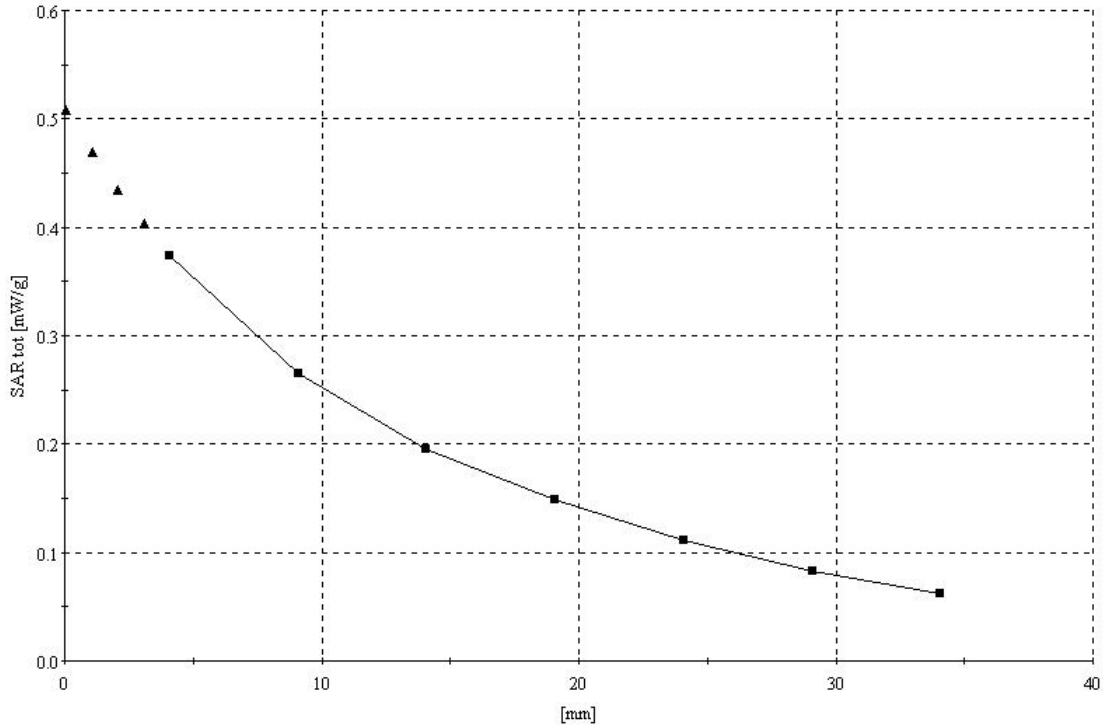
Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel Inc.  
Antenna : out  
Mode : AMPS / Channel : 383 (836.49MHz)  
Conducted Power : 26.5 dBm  
Liquid Temperature : 22.2 °C  
Date Tested : November 9, 2002



### TX-55C

SAM 1 Phantom; Flat Section; Position: (90°,90°); Frequency: 835 MHz  
Probe: ET3DV6 - SN1609; ConvF(6.30,6.30,6.30); Crest factor: 1.0; Body 835 MHz:  $s = 0.99$  mho/m  $\epsilon_r = 54.2$   $r = 1.00$  g/cm<sup>3</sup>  
Cube 5x5x7: SAR (1g): 0.437 mW/g, SAR (10g): 0.303 mW/g, Worst-case extrapolation  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : out  
Mode : CDMA / Channel : 363 (835.89MHz)  
Conducted Power : 25.0 dBm  
Liquid Temperature : 22.2°C  
Date Tested : November 9, 2002





TX-55C

SAM II Phantom; Flat Section; Position: (90°,90°); Frequency: 1900 MHz  
Probe: ET3DV6 - SN1609; ConvF(4.90,4.90,4.90); Crest factor: 1.0; Body 1900 MHz:  $\rho = 1.57 \text{ mho/m}$ ,  $\epsilon_r = 52.6$ ,  $r = 1.00 \text{ g/cm}^3$   
Cube 5x5x7: SAR (1g): 0.659 mW/g, SAR (10g): 0.382 mW/g, Worst-case extrapolation  
Cube 5x5x7: Dx = 8.0, Dy = 8.0, Dz = 5.0

Comment:  
FCC ID : PP4TX-55C / MODEL : TX-55C  
Company : Hyundai Curitel inc.  
Antenna : in  
Mode : PCS / Channel : 25 (1851.25MHz)  
Conducted Power : 24.5 dBm  
Liquid Temperature : 22.2°C  
Date Tested : November 9, 2002

